	Application No.	Applicant(s)
Notice of Allowability	10/698,413	TRAN, ANH Q.
	Examiner	Art Unit	
	Binh V. Ho	2163	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/30/2006*.

2. ☒ The allowed claim(s) is/are *1-23*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
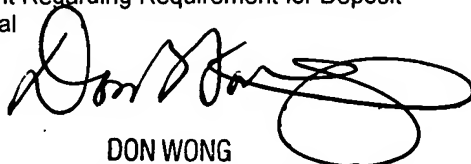
    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and /or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.3.12. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. The following claim has been amended upon agreement by applicant during a telephone conversation with Mss. Kelly Lee Kasha on 02/09/2007.

Amendments to claims 19, and 20:

Claim 19 (Currently Amended): A computer readable **storage** medium providing instruction for adapting memory-resident database in a flexible service logic execution environment (FSLEE), the instructions comprising: constructing a service table in an FSLEE application that executes a logic service, wherein the service table contains data that can be used in the logic service, and wherein the FSLEE application comprises: an application framework capable of managing functionalities of the FSLEE application; a service independent building block (SIB) library that contains a set of SIBs; and an FSLEE configuration that renders each FSLEE application unique, wherein the application framework invokes a service image to execute the SIBs and perform logics of the logic service, and the service image is a visual representation of the logic service that defines the logics for the logic service; providing a memory based database environment (MBE) indicator to the service table, wherein the MBE indicator is a field in a record entry that differentiates an MBE service table from another service

table; setting the MBE indicator of the service table in the database configuration file;

and providing the SIBs to access the MBE table constructed in the FSLEE application.

Claim 20 (Currently Amended): The computer readable **storage** medium of claim

19, further comprising instructions for attaching a time stamp to the MBE database

records after each access to prevent simultaneous modifications by multiple

processes, wherein mismatching time stamps on a record indicates that another

process has modified the record.

3.   The Examiner's amendment has been made in order to place the application in a

condition for allowance.

Reasons for Allowance

4.   The following is an examiner's statement of reason for allowance:

Claims 1, 13, and 19 are considered allowable since the prior made of record

and considered pertinent to the applicant's disclosure does not teach or suggest the

claimed limitations. Dugan (U.S. 6,804,711) or Eastep (U.S. 6,731,625) or Bodin (US

2005/0021484), taken individually or in combination, do not teach the claimed invention

having a method for adapting memory-resident database in a flexible service logic

execution environment (FSLEE), comprising the step of: an FSLEE configuration that

renders each FSLEE application unique, wherein the application framework invokes a

service image to execute the SIBs and perform logics of the logic service, and the

service image is a visual representation of the logic service that defines the logics for

the logic service; providing a memory based database environment (MBE) indicator to

the service table, wherein the MBE indicator is a field in a record entry that differentiates an MBE service table from another service table.
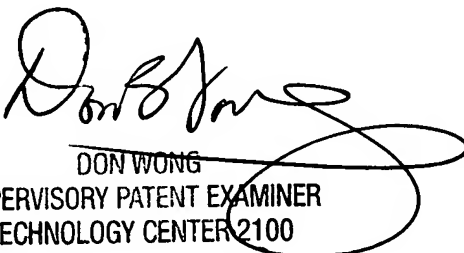
Therefore, claims 1-23 *are* presently allowed.

5.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

6.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh V. Ho whose telephone number is 571 272 8583. The examiner can normally be reached on M-F from 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K. Wong can be reached on 571 272 1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Binh V Ho
Examiner
Art Unit 2163

DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100